

Food and Drug Administration
Center for Food Safety and Applied Nutrition
Office of Special Nutritionals

ARMS#

12720



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DEATH INVESTIGATION REPORT

Attachment #3

12-18-97 10 of 10

Decedent's Name

Medical Examiner's Office

FIRST

MIDDLE

LAST

Decedent: Age Race Sex M Ethnicity E DOB [REDACTED] SS# [REDACTED]

Home Address Street # Street Name City County State Zip

Police Complaint Number [REDACTED] Police Department [REDACTED]

ACTION	DATE	TIME	REMARKS	BY WHOM (PERSON OR AGENCY)
ME notified	21 Nov 97	1045A	Intake by: <u>[REDACTED]</u>	
Scene visit			Photos? —Yes <u>NO</u>	
MOK notified			Person: <u>[REDACTED]</u>	

DESCRIPTION OF CIRCUMSTANCES: (Include how the incident is thought to have occurred, decedent's activity at the time of the incident, the type of place, and the sequence of events). If extra pages are used, indicate number here:

[REDACTED] 05:30 [REDACTED]
assistant collapsed still breathing 945 approx

Arrival 1018

Temp @ 11.14 32.5° Tympanic
 41.8° Rectal

See additional Page

Death Place >>> [REDACTED] On Scene(S) [REDACTED] Enroute/DOA(D) [REDACTED] Emerg Rm(E) X In Surgery(O) [REDACTED] Inpatient(I) [REDACTED]

ACTION	DATE	TIME	ADDRESS: STREET NUMBER/CITY/COUNTY/STATE/ZIP
Injury/event	21 Nov 97	945A	<u>[REDACTED]</u>
Actual death			
Pronounced	21 Nov 97	1035	<u>[REDACTED]</u>
At hospital		1018	Hospital <u>[REDACTED]</u>
Pronounced by	Person: <u>[REDACTED]</u>		Taken by: <u>[REDACTED]</u> License#: <u>[REDACTED]</u>

IF FOUND	DATE	TIME	WHERE (NAME OF PLACE OR STREET ADDRESS)	BY WHOM
When	21 Nov 97	9:45	<u>[REDACTED]</u>	<u>[REDACTED]</u>
Last known OK	21 Nov 97	9:45	<u>[REDACTED]</u>	<u>[REDACTED]</u>
			Condition when found: <u>Not Conscious(N)</u> —Dead(D) —In distress(I)	
			How last known alive or okay: <u>Seen(S)</u> —Heard(H) —Other(O)	

Concerning the onset of fatal events >>>>

X Witness present (W) OR [REDACTED]
[REDACTED] At own residence (H) OR [REDACTED]
X Indoors (I) OR [REDACTED]
[REDACTED] In vehicle (V) OR [REDACTED]
[REDACTED] While on the job (J) OR [REDACTED]

OR Unwitnessed/no witnesses known (U)
 OR Away from home/ not at own residence (A)
 OR Out-of-doors (O)
 OR Not in vehicle (N)
 OR Not while on job (S)

Place of onset of the fatal events >>>>

Describe TYPE OF PLACE [REDACTED]

Occupation and employment status>>>>

Occupation or Job Title >>>>>>

Industry or kind of business>>>>

Employment Status >>> [REDACTED] Currently employed(E) [REDACTED] Self-employed(S) [REDACTED] Not employed(N)

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Office of the Medical Examiner

Medical Examiner

November 24, 1997

After completion of an Autopsy on [REDACTED] who collapsed on Friday Nov. 21, 1997, the Final autopsy report is pending completion of Toxicology testing, however preliminary results show that Mr. [REDACTED] collapsed due to Hyperthermia (Heat Stroke).

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AUTOPSY ACCESSION NUMBER: [REDACTED]

MED REC NUMBER: [REDACTED]

NAME OF DECEASED: [REDACTED]

DOB OF DECEASED: [REDACTED]

PHY: [REDACTED]

DEATH DATE AND TIME: 11/21/97 @ 1030

AUTOPSY PERMISSION GRANTED BY/RELATIONSHIP: [REDACTED]

PLACE OF DEATH: [REDACTED]

DATE AND TIME OF AUTOPSY: 11/21/97 @ 1300

AUTOPSY PERFORMED AT: [REDACTED]

PATHOLOGIST: [REDACTED]

PRESENT: [REDACTED]

DATE REPORT SENT: DECEMBER 5, 1997

FINAL GROSS AND MICROSCOPIC ANATOMICAL DIAGNOSES:

1. Historical information, temperature measurements and biochemical abnormalities consistent with death being due to hyperthermia (heat stroke), see summary.

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FINAL AUTOPSY REPORT

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The body is that of a young male consistent with the stated age of 22. The length of the body is 180 cm., and the estimated weight is 175 pounds. External examination reveals tubes to be present in the oral cavity. These are an endotracheal tube and a gastric tube. These are properly located. External examination reveals a well-muscled male. No evidence of trauma is present about the body.

The body is opened with the usual thoraco-abdominal incision. Upon reflection of the skin and removal of the breast plate, the body organs are examined. The body organs lie in their usual locations. No evidence of pleural, pericardial, peritoneal effusions are noted.

Cardiovascular System: The heart is removed and found to weigh 350 grams. External examination reveals a well-maintained architecture. Examination of various coronary arteries reveals virtually no atherosclerosis to be present. No significant narrowing of any lumina is noted. No anomalies of the heart are present. Examination of the heart along with the flow of blood reveals the right atrium to be unremarkable. The tricuspid valve is intact and unremarkable. The right ventricle is unremarkable. The pulmonary artery consists of three fully pliable leaflets. The left atrium is unremarkable. The mitral valve is unremarkable. The aortic valve consists of three freely moveable leaflets without abnormalities. The aorta is unremarkable. The myocardium throughout has a rich red color without any abnormalities.

Respiratory System: The endotracheal tube is found to be in place. The lungs bilaterally have a rich pink color. The right lung weighs 470 grams and the left lung weighs 390 grams. The overall architecture is maintained. No evidence of significant abnormalities are noted throughout. Pulmonary arteries are free of pulmonary emboli.

Gastrointestinal Tract: Examination of the esophagus is unremarkable. The stomach, small and large bowel are unremarkable. The stomach is empty.

Hepatobiliary System: The liver weighs 1,450 grams. The capsule is intact. The underlying parenchyma is unremarkable. No evidence of cirrhosis or other abnormalities are present. The gallbladder is present and filled with 1-2 cc. of bile and is unremarkable. The extrahepatic biliary system is patent.

Pancreas: The pancreas lies in its usual location and has a yellow lobular appearance and is unremarkable.

Spleen: The spleen weighs 220 grams. The capsule is intact. The underlying parenchyma has a rich red color and is unremarkable.

Adrenal Glands: The adrenal glands are located bilaterally and are unremarkable.

Genitourinary System: Each kidney weighs 150 grams. The overall architecture is maintained. The capsules strip with ease. The cortex is easily delineated from the medulla. The cortex measures 6-8 mm. in thickness. The ureters are unremarkable. The prostate is not examined. The bladder is empty.

Thyroid gland: The thyroid gland is located in its usual location, is an estimated 10 grams in weight and appears unremarkable grossly.

Central Nervous System: After reflection of the scalp and removal of the skull cap, the brain is examined. Evidence of trauma about the scalp is not present. The skull has no fractures. No evidence of epidural, subdural,

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subarachnoid hemorrhage is not present. The gyri and sulci are unremarkable bilaterally. Cross sectioning the cerebral hemispheres reveals no evidence of encephalomalacia or tumor. The cerebellum, pons and medulla are unremarkable.

Note: Numerous tubes of blood are taken and saved. Laboratory work will be correlated with autopsy findings.

Microscopic Description:

Coronary Artery: Minimal intimal atherosclerotic change without luminal compromise.

Myocardium: Sections of myocardium reveal the myocardial fibers to be unremarkable. Evidence of inflammatory changes or other abnormalities are not present.

Lungs: Sections of the lungs show alveolar hemorrhage of a patchy, diffuse nature. Evidence of significant inflammatory reaction is not present.

Liver: The liver focally shows central passive congestion. This is particularly noticeable in the subcapsular area.

Spleen: The spleen is congested but is otherwise unremarkable.

Pancreas: The pancreas is histologically unremarkable.

Adrenal Gland: Unremarkable.

Kidney: A section through the kidney reveals diffuse congestion. No obvious abnormalities are present in the background.

Thyroid Gland: No significant changes.

Central Nervous System: No significant changes.

Note: This young gentleman is without an obvious anatomic cause of death. However, the clinical circumstances and biochemical studies support death as being caused by hyperthermia in the form of heat stroke. A rectal temperature gotten at 1030 revealed a temperature of 42.3°C (108°F). It is conceivable that the temperature was higher than this earlier. Significant biochemical abnormalities were noted in the examination of the blood and the reader can review the pertinent laboratory results if needed.

CLIENT NAME / ADDRESS

PATIENT NAME / SOCIAL SECURITY #

PAYMENT NO. / CHAIN OF CUSTODY #

AGE

SEX

ACCESSION #

22

M

REFERRING PHYSICIAN / EMPLOYEE ID

DATE COLLECTED

TIME COLLECTED

DATE RECEIVED

DATE REPORTED

11/21/97

13:21

11/25/97

6:57 PM
12/17/97

TEST(S) REQUIRED

RESULTS

UNITS

REFERENCE RANGE

FORENSIC DRUG SCREEN ANALYSIS
FORENSIC DRUG ANALYSIS

SAMPLE TYPE SUBMITTED: WHOLE BLOOD

NEGATIVE

PARTIAL LISTING OF DRUGS SCREENED FOR IN BLOOD, SERUM, PLASMA, URINE, OR OTHER BIOLOGICAL FLUID OR TISSUE SUBMITTED FOR ANALYSIS INCLUDE: ALCOHOLS, ACETAMINOPHEN, AMITRIPTYLINE, AMPHETAMINES, BARBITURATES, BENZODIAZEPINES, CARBAMAZEPINE, COCAINE, CODEINE, CYCLOBENZAPRINE, DESIPRAMINE, DIPHENHYDRAMINE, DOXEPIN, EPHEDRINE, ETHCHLORVYNOL, GLUTETHIMIDE, HEROIN, HYDROCODONE, HYDROMORPHONE, BUPROFEN, IMIPRAMINE, LIDOCAINE, LOXAPINE, MEPERIDINE, MEPROBAMATE, METHADONE, METHAPYRILENE, METHAQUALONE, MORPHINE, NORTRIPTYLINE, OXYCODONE, PENTAZOCINE, PHENCYCLIDINE, PHENYLPROPANOLAMINE, PHENYTOIN, PROPOXYPHENE, SALICYLATE, AND THC (MARIJUANA) METABOLITE.

*** FINAL REPORT ***

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11/5/97

[REDACTED]

[REDACTED]

[REDACTED]

January 23, 1998

[REDACTED]

By FAX: [REDACTED]

POSTMORTEM FORENSIC TOXICOLOGY REPORT IN THE CASE OF:

[REDACTED] 22/M/W. 180 cm. 175 lbs.

Autopsy # [REDACTED]

Control No. [REDACTED]

Accession No. [REDACTED]

- A. Specimens received at [REDACTED] on 01/15/98 in sealed, labeled containers: Two gray top tubes, each containing ~5 mL blood. Formalin fixed liver, kidney, fat and heart muscle.
- B. History: Collapse, associated with strenuous, prolonged [REDACTED] training pre-weight-in exercise.
- C. Stated (available) substances (prescription and/or over the counter)
JBM Creatinine, -Pure
Twin Lab: Thermogenics - Ripped Fuel
Chocolate-based powder
Theobromine
Yohimbine bark
Yohimbine
DHEA
Ma huang (ephedrine)
Amino acids
Valtrex™ (Acyclovir)
- D. Forensic Toxicologic Examinations
- I. Verification/Negation of stated, potentially causally involved substances and vehicles
 - II. Surveys for related, potentially causally involved substances
 - III. Exclusion of common "sudden death" poisons and common "abuse" substances

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E. Analyses on Blood

8292 Ephedrine & Pseudoephedrine by GC/NPD & GC/MS microanalysis: \$ 97.00
7004 Caffeine by GC/NPD & GC/MS: \$ 114.00
Extractable organics surveys by GC/NPD with delineation of
presumptive positives by GC/MS
7005 Methyl xanthines, Acetaminophen, Acetazolamide & Methazalone by
HPLC: \$ 116.00
4380 Yohimbine by HPLC: \$ 87.00
0158 Acyclovir by HPLC: \$ 78.00

F. Positive Test Results

1. Atropine: 0.5 mcg/mL (0.5 mg/L)
Consistent with CPR adjunct use.
2. Less than 0.01 mcg Ephedrine & Pseudoephedrine/mL -- if any
3. Less than 0.5 mcg Caffeine/mL, if any
4. Less than 0.1 mcg Cotinine/mL, if any
5. Yohimbine: Less than 0.01 mcg/mL, if any

G. Comments

The results mitigate against recent (within 24 hours) use of 2,3 or 4 but do not make it unlikely that these substances (or products containing them) were used more remotely and regularly. Thus, their contribution to the cardiac events of this death may have taken place.

Sincerely yours,

LA CROSSE POLICE DEPARTMENT GENERAL REPORT

INCIDENT NUMBER

INCIDENT LOCATION (STREET ADDRESS)

COMPLAINT/OFFENSE TYPE

REPORT DATE & TIME

EARLIEST OCCURRED DATE/TIME

LATEST OCCURRED DATE/TIME

11-21-97 10:00 PM

11-21-97

5:30 AM

11-21-97

10:35 PM

VICTIM

LAST

COMPLAINANT

FIRST

WITNESS

SUSPECT

ADDRESS

ARRESTED

NAME

TELEPHONE

HOME:

WORK:

EMPLOYMENT/SCHOOL:

PARENTS IF JUVENILE:

D.O.B.:

SEX: MALE

FEMALE

RACE: WHITE

BLACK

ASIAN

INDIAN

RELATIONSHIP VICTIM/OFFENDER:

REST. ORDER: YES NO

VICTIM

LAST

COMPLAINANT

FIRST

WITNESS

SUSPECT

ADDRESS

ARRESTED

NAME

TELEPHONE

HOME:

WORK:

EMPLOYMENT/SCHOOL:

PARENTS IF JUVENILE:

D.O.B.:

SEX: MALE

FEMALE

RACE: WHITE

BLACK

ASIAN

INDIAN

RELATIONSHIP VICTIM/OFFENDER:

REST. ORDER: YES NO

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VOLUME CHECK

Control# 
Accn#:

☒ Billed (no need to go any further)
☐ Not Billed

☐ Postmortem Date logged in: _____
☐ Routine Forensic Case

☐ Frozen
☐ Refrigerated

Specific Container Types (example: gyt/blood, rt/serum):

Comments:

This is an FR case

Date and Initials

 2/22/98

Volume: (A) ~7mL Blood

(B) ~3.7g Brain

(C) ~5mL Bile


(D) ~4.1g Liver

(E) Less than 0.5 mL urine

(F) ~2mL Arm Blood

Comments:

Date and Initials

 2/23/98

000011

VOLUME CHECK

Control#
Accn#:



☒ Billed (no need to go any further)
☐ Not Billed

☐ Postmortem Date logged in: _____
☐ Routine Forensic Case

☐ Frozen
☐ Refrigerated

Specific Container Types (example: gyt/blood, rt/serum):

Comments:

This is an FL case

Date and Initials

2/22/98

Dept.



Volume:

6yt
A 2mL Blood

- ① GUT BROKEN TUBE IN GPC Blood ~ 3.5mL in 13x100 TT
- ② WPC w/ Liver ~ 10.2 grams
- ③ WPC w/ Kidney ~ 10.1 grams
- ④ WPC w/ Fat ~ 10.9 grams
- ⑤ WPC w/ myocardium ~ 10.6 grams

Comments:

Date and Initials

2/23/98

had to photocopy
due to contamination

2/23/98

8/97

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VOLUME CHECK

Control#

Accn#:

☒ Billed (no need to go any further)
☐ Not Billed

FR case Postmortem Date logged in: _____
☐ Routine Forensic Case

☐ Frozen
☐ Refridgerated

Specific Container Types (example: gyt/blood, rt/serum):

Comments:

This is an FR Case.

Date and Initials

2/22/98

Dept.

Volume:

(A) WPC ~ 6mL Blood (cardiac)
(B) WPC ~ 6mL Blood (iliac)
(C) WPC ~ 1mL Urine

(D) BLPC w/ Liver (~5mL Liver fluid)

Comments:

Date and Initials

2/23/98

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